



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	T
PO039023	MES002-VC	1	1	Net 30	M304B0.250x0.500	304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft				400	2/20/2018	442		S044493	Stock	2/22/2018	\$ 4.05 / ft	0		\$-
Total:										400		442								\$1,

Plex 2/22/2018 8:14 AM Dart.Dubois.Pascal

METAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7  
Tel.: 450 641-3330

# Shipping Order

19/02/2018

Order : 132676  
Reference : 39023  
Ship : PICK UP / PICK UP

Customer: 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

## Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
SF14124HR	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N 304 STAIN FLA .25" X .500" HR 34 x 13' r/l ***** HT:67645074 HT:67736108	442	442	0

ship journey collect  
jp

3 SKIDS 2-20-18  
32 756

Shipping :  
Package No :  
Merchandise Received:

Ref. :  
:

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Shipping : \_\_\_\_\_  
Package No : \_\_\_\_\_  
Merchandise Received: \_\_\_\_\_

Ref. : \_\_\_\_\_



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO039023**

**Supplier:** MES002-VC  
Metaux Solutions  
2625 boul Jacques-Cartier Est  
Longueuil  
QC  
J4N 1L7 Canada  
Phone: 800 558 8858  
Fax: 514 633 8044

**PO No:** PO039023

**PO Date:** 2/13/18

**Due Date:** 2/20/18

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**E-MAILED**  
**FEB 13 2018**

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

## **Items**

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304B0.250x0.500		304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	2/20/18	400 ft	0 ft 442' DAS 11 9-89	400 ft	\$4.0521/ft	\$1,620.84
									<b>Grand Total:</b>	<b>\$1,620.84</b>

## **Order Notes**

### **Procurement Quality Clauses**

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 2/13/18 7:21 AM dart.lavoie.chantal

2/13/2018

## PURCHASE ORDER



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

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Phone: clavoie@dartaero.com

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0.250x0.000  
 DATE: FEB 22 2018

PO / BATCH NO.: 039023/

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 442'  
 QUANTITY INSPECTED: 442'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250  
 THICKNESS RECEIVED: 0.250  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	A67m A276
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	Heat # 67645074-67736108
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u> <u>11</u>	SIGNED OFF BY: _____		
DATE: <u>9-89</u> <u>FEB 22 2018</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE  
(NOTE: AISI 303 NOT ACCEPTABLE)

△ SPECIFICATION: ASTM A276 OR ASTM A240

PART NUMBER: M304B-TTTT | WWW.WWWW |  
THICK | WIDTH

WHERE "T, TTT" = THICKNESS IN INCHES  
AND "WWW, WWWW" = WIDTH IN INCHES

△ EG. 0.5" X 3.0" BAR = M304B0.500X03.000  
△ EG. 0.5" X 12.0" PLATE = M304B0.500X12.000

RELEASED  
2010-11-30

C	ADDED PLATE TO PURCHASE MATERIAL. ADDED PLATE RELATED SPECIFICATIONS, AND EG.: CHANGED TITLE FROM "304/316 BAR" TO "304/316 BAR/PLATE"	MB	10.11.25
B	REFORMAT DWG. ADD SPECS (2N D6-1). REF PAR 08-020A	CP	09.07.15
A	NEW ISSUE	PH	05.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN	PH		
DRAWN	PH		
CHECKED	PH		
MFG. APPR.	M304B		
APPROVED			
DE APPR.			
DATE	10.11.25		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. C	
DRAWING NO. M304B		SHEET 1 OF 1	
TITLE 304/316 BAR/PLATE		SCALE NTS	
COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS LOANED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.			





**BOLLINGHAUS**  
STEELBollinghaus Steel, SA  
DIN EN ISO 9001:2008  
TUV CERT No. 01 100 030458

Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade

EN 10204:2004 / 3.1

No.: /Nr.: /Nr.:

0000127397

Unsere /Innere Verweisung /Our int. Ref/ N/ ref int

Datum / Date / Data

5600034598 000080

11.04.2017

## Normen / Standards / Normas

TYPE 304/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A276/A276M-16a, ASTM A182/A182M-16a, ASTM A183/A183M-16, ASTM A479/A479M-16a, ASTM A320/A320M-16a, ASTM A314-15, ASTM A262-15 Pract. E, AMS QQ-S-783D, AMS 5639H, AMS 5647J, ASME SA479/SA479M, ASME SA276, ASME SA182/182M, ASME SA 183/SA183M, ASME SA320/SA320M, NACE MR0175-2016, execution as per ASTM A479/A479M-16.

Kunde / Customer / Cliente

Endgültiger Kunde / Final Customer / Cliente Final

Bestell Nr. / Order No. / Enc. Nr. C107839

Bestell Nr. / Order No. / Enc. Nr. C107839.01

Produktgruppe / Product Group / Grupo Produto

Gewicht / Weight / Peso

Bunde / Bundle / Atados

AISI 304L FLAT 1/4 X 1/2"

2.116 lb

02

Werkstoff-Nr.  
Material no.  
Qualidade 1.4307Werkstoff-Normbezeichnung / Material standard grade / Norma do material  
X 2 CrNi 18-9

## Beschreibung / Description / Descrição

Stainless steel flat bars, hot rolled, heat treated, straightened and pickled.  
US-DFAR 252.225-7009: MELT SOURCE: France / MFG: Portugal.Schein Nr.  
Cert no. / Fusion no.

Chemische Analyse in % / Chemical composition in % / Análise química em %

0.023	Si	0.540	Mn	1.089	P	0.028	S	0.022	Cr	16.168	Ni	8.072
0.418	Co	0.146	Cu	0.426	N	0.100	Ti	0.001	-	-	-	-

Charpy V	ASTM E399			ASTM A370			ASTM A370		
	Impact Test Result	Yield point Tensile Limit	Dehnung 1% point Limit	Tensile strength Rm	Elongation A5	Elongation A80	Reduction of area Z		
	[J]	[Ksi]	[Ksi]	[Ksi]	[%]	[%]	[%]		
403498.01:01		48.6	56.7	93.1	54.6	57.6	70.5		

Plano de controle yields inspection inspeção visual	<input checked="" type="checkbox"/> Ok	ASTM E10 Härte Hardness Durezza 180 [ HB ]	ASTM A282 Practice E Korrosionsbeständigkeit IC Test Corrosão Intermetálica <input checked="" type="checkbox"/> Ok	Wärmebehandlung Heat treatment Tratamento térmico <input checked="" type="checkbox"/> [M]
ASTM A484 Mikrostruktur Microstructural inspection inspeção microscópica	<input checked="" type="checkbox"/> Ok	ASTM E112 Korngröße Grain size Tamanho de grão 9	Werkstoffverständiger Quality Control Representative Inspector de Qualidade	Annealed Quenched 1800 °F (1050 °C)  (water quenched)
Umweltprüfung Test of identity teste de identificação	<input checked="" type="checkbox"/> Ok	Makroskopische Untersuchung Micrographic test	W 305 Nuno Silva (n-NB)	
		Material free from segregation defects. <input checked="" type="checkbox"/> Ok		

## Bemerkungen / Remarks / Observações

Country of origin: Portugal. No weld repair done.  
Material is free of mercury and radiation contamination.

Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht.

We confirm that this material meets the specification according to the mentioned standards.

Confirmamos que este material respeita as especificações de acordo com as normas referidas.

128-K-PP

19938